



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

THE
JOURNAL OF INFECTIOUS DISEASES

The
Journal of Infectious Diseases

Published by the Memorial Institute for Infectious Diseases

EDITED BY
LUDVIG HEKTOEN AND EDWIN O. JORDAN

IN CONJUNCTION WITH
FRANK BILLINGS F. G. NOVY
W. T. SEDGWICK H. GIDEON WELLS

Volume 20
1917

Chicago, 1917

Composed and Printed by
American Medical Association Press
Chicago, Illinois U. S. A

TABLE OF CONTENTS

	PAGE
NO. 1, JANUARY, 1917	
Comparison of methods for disinfecting swimming pools	
<i>Wallace A. Manheimer</i> - - - - -	1
Various methods of determining the trypanocidal activity of substances in vitro and their relationship to the chemotherapy of experimental trypanosomiasis	
<i>John A. Kolmer, Jay F. Schamberg, and George D. Raiziss</i> - -	10
Further observations on the adaptation of parasitic microorganisms to a lowered oxygen tension	
<i>William B. Wherry and Wade W. Oliver</i> - - - - -	28
The numeric relationship of infection to the chemotherapy of experimental trypanosomiasis	
<i>John A. Kolmer, Jay F. Schamberg, and George D. Raiziss</i> - -	35
Studies of the beta hemolytic streptococcus (Smith and Brown)	
<i>Wilson George Smillie</i> - - - - -	45
The bacteriology of pemphigus neonatorum	
<i>Frederick Howard Falls</i> - - - - -	86
Studies on immunity in typhus exanthematicus with reference to the antibodies in man and guinea-pig demonstrable by the Dale method	
<i>Bernard S. Denzer and Peter K. Olitsky</i> - - - - -	99
A small contact epidemic of typhoid fever	
<i>Mark F. Boyd</i> - - - - -	109
The etiology of acute epidemic poliomyelitis (Plates 1 to 4)	
<i>George Mathers</i> - - - - -	113
NO. 2, FEBRUARY, 1917	
The virulence of diphtheria bacilli from diphtheria patients and diphtheria-carriers	
<i>George H. Weaver</i> - - - - -	125
The alleged detoxicating power of the thyroid gland	
<i>H. Raymond Basinger</i> - - - - -	131
An epidemic of acute diarrhea approaching in some cases a mild dysentery	
<i>Wilfrid Sadler, and R. F. Kelso</i> - - - - -	140
The passive transference of nonspecific antibodies	
<i>Peter K. Olitsky and Bernard S. Denzer</i> - - - - -	145
Comparative study of <i>Bacillus anthracis-symptomatici</i> and allied organisms with respect to gas-production	
<i>L. C. Todd</i> - - - - -	151
Transmission of pneumonic and septicemic plague among marmots	
<i>Frederick Eberson and Wu Lien Teh</i> - - - - -	170
Plague poisons and virulence	
<i>Frederick Eberson</i> - - - - -	180
The effect of various chemical substances on the hemolytic reaction	
<i>Noble P. Sherwood</i> - - - - -	185

	PAGE
Blood-culture studies on typhus exanthematicus in Serbia, Bulgaria, and Russia	
<i>George Baehr and Harry Plotz</i> - - - - -	201
Leukopenia and leukocytosis in rabbits	
<i>Clifford W. Wells</i> - - - - -	219

NO. 3, MARCH, 1917

Tuberculin hypersensitiveness as determined by intracutaneous tests of different degrees	
<i>Myer Solis-Cohen</i> - - - - -	233
Virulence and toxin-formation in <i>B. diphtheriae</i>	
<i>William E. Cary</i> - - - - -	244
Germicidal action and specific bacteriotropism of quinin and urea hydrochlorid, ethylhydrocuprein, and other cinchona derivatives on pneumococci in vitro. Studies in pneumonia, I	
<i>S. Solis-Cohen, John A. Kolmer, and George D. Heist</i> - - -	272
Various methods of determining the bactericidal action of substances in vitro and their relation to the chemotherapy of bacterial infections. Studies in pneumonia, II	
<i>John A. Kolmer, S. Solis-Cohen, and George D. Heist</i> - - -	293
The protective and curative value of quinin and urea hydrochlorid, ethylhydrocuprein, and other cinchona derivatives in experimental pneumococcus infections. Studies in pneumonia, III	
<i>S. Solis-Cohen, John A. Kolmer, and George D. Heist</i> - - -	313
The influence of quinin and urea hydrochlorid, ethylhydrocuprein, and other cinchona derivatives on leukocytosis and on phagocytosis and pneumococci in vitro. Studies in pneumonia, IV	
<i>John A. Kolmer, S. Solis-Cohen, and Edward Steinfield</i> - - -	333
Allergic skin reactions in pneumonia with type strains of pneumococci. Studies in pneumonia, V	
<i>Edward Steinfield, and John A. Kolmer</i> - - - - -	344

NO. 4, APRIL, 1917

The nonfiltrability of typhus virus	
<i>Peter K. Olitsky</i> - - - - -	349
The intracutaneous 'typhoidin' reaction	
I. The preparation and properties of the antigen	
II. The nature and specificity of the reaction	
III. The relation of cutaneous hypersensitiveness to experimental immunity and infection	
<i>K. F. Meyer and C. R. Christiansen</i> - - - - -	357, 391, 424
The treatment of experimental tuberculosis in guinea-pigs and rabbits with taurin, alone and in combination with gold chlorid and sodium oleate	
<i>Minokichi Takeoka</i> - - - - -	442
The differentiation of the paratyphoid-enteritidis group, I	
<i>Edwin O. Jordan</i> - - - - -	457

TABLE OF CONTENTS

vii

NO. 5, MAY, 1917

PAGE

The oxidase of <i>Rhus diversiloba</i>	
<i>James B. McNair</i> - - - - -	485
Anaphylatoxin and anaphylaxis. I. Trypanosome anaphylatoxin	
<i>F. G. Novy, P. H. DeKruif, and R. L. Novy</i> - - - - -	499
Anaphylatoxin and anaphylaxis. II. Agar anaphylatoxin: guinea-pig serum	
<i>F. G. Novy and P. H. DeKruif</i> - - - - -	536
Anaphylatoxin and anaphylaxis. III. Agar anaphylatoxin: rabbit serum	
<i>F. G. Novy and P. H. DeKruif</i> - - - - -	566
Anaphylatoxin and anaphylaxis. IV. Agar anaphylatoxin: rat serum	
<i>F. G. Novy and P. H. DeKruif</i> - - - - -	589
Anaphylatoxin and anaphylaxis. V. Effect of multiple doses of anaphylatoxin	
<i>F. G. Novy and P. H. DeKruif</i> - - - - -	618
Anaphylatoxin and anaphylaxis. VI. Effect of intravenous injections of agar	
<i>F. G. Novy and P. H. DeKruif</i> - - - - -	629

NO. 6, JUNE, 1917

Anaphylatoxin and anaphylaxis. VII. Peptone anaphylatoxin	
<i>F. G. Novy, P. H. DeKruif, and F. O. Novy</i> - - - - -	657
Anaphylatoxin and anaphylaxis. VIII. The primary toxicity of normal serum	
<i>P. H. DeKruif</i> - - - - -	717
Anaphylatoxin and anaphylaxis. IX. Specific anaphylactic shock	
<i>F. G. Novy and P. H. DeKruif</i> - - - - -	776
Anaphylatoxin and anaphylaxis. X. Anaphylatoxin and amino-nitrogen	
<i>P. H. DeKruif and W. M. German</i> - - - - -	833